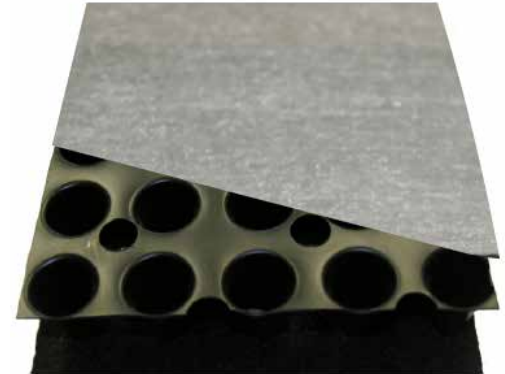


GRT HIGH COMPRESSION DRAIN MAT 1.0"

GRT High Compression Drain Mat 1.0" is a geocomposite drain mat consisting of a formed high density polypropylene core, covered with a non-woven geotextile filter fabric on top, and a protection fabric on the bottom. The core of this drain mat offers high compression and stormwater retention. The permeable top filter fabric prevents roots from affecting the efficiency of the drainage/aeration layer and engineered soil from entering and blocking the core. The bottom protection fabric safeguards the waterproofing membrane. For use with heavy loads, such as pavers and pedestals or concrete curbing.



DRAIN MAT SPECIFICATIONS

| | | | | |
|----------------------|---|------------------------------|---------------------|--------------|
| MATERIAL | Core: Polypropylene | | | |
| ROLL DIMENSIONS | 4' x 50' x 1"; 200 ft ² /roll | | | |
| ROLL WEIGHT | 88 lbs/roll | | | |
| WATER RETENTION | .11 gal/ft ² | | | |
| COMPRESSIVE STRENGTH | 9,500 lbs/ft ² (ASTM D1621 modified) (flow rate not impacted) | | | |
| TRANSMISSIVITY | <u>GRADIENT</u> 1.0 | <u>SLOPE EQUIV.</u> 12:12 | <u>gpm/ft</u> 30 | (ASTM D4716) |

FABRIC SPECIFICATIONS

| MATERIAL | TOP | BOTTOM | |
|-----------------|---|-----------------------------|--------------|
| | Needle Punched Polypropylene Non-Woven Geotextile | | |
| WEIGHT | .33 oz/ft ² | .42 psf | (ASTM D3776) |
| THICKNESS | .019 inch | .05 inch | (ASTM D1777) |
| GRAB TENSILE | 75 lbs | 100 lbs | (ASTM D5034) |
| GRAB ELONGATION | 40% | 60% | (ASTM D5034) |
| CBR PUNCTURE | 160 lbs. | 250lbs. | (ASTM D6241) |
| PERMEABILITY | 165 gal/min/ft ² | 140 gal/min/ft ² | (ASTM D4491) |